VideoMate V300
Analog Standalone TV Box
Start Up Guide

Compro Technology, Inc.
www.comprousa.com

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About This Guide

This guide provides you the information on how to install and use your VideoMate V300 Analog Standalone TV Box.

VideoMate V300 Analog Standalone TV Box lets you watch TV with your computer monitor. V300 TV Box also provides a base holder with video input which allow you to connect other video devices (i.e. DVD Player, XBox360, PS 2, PS 3, Wii or other game console). The maximum resolution is 1600x1200 and 1680x1050, which allows you to have crystal clear pictures. It also supports 4:3, 5:4, 16:9, and 16:10 screen ratio for all kinds of monitors. With the Remote Controller that included with V300 TV Box will greatly increase the value of the computer monitor which also saves you from buying another TV set.

MINIMUM SYSTEM REQUIREMENTS

- Monitor (CRT or LCD) contains D-sub Connector and supports 640*480 resolution or above.
- Speakers with stereo jack.

Warning

It is normal for VideoMate V300 TV Box become warm when it is being used. Please place the TV Box at a place where the air flows.

VideoMate V300 TV Box will only need a computer monitor to work; It does not require to connect to computer nor turn on the computer to work properly.

Please do not use other adaptor except the one included in the package to prevent damaging V300. Damaged V300 by using wrong adaptor will not be cover from the warranty.

VideoMate V300 TV Box Contents

VideoMate V300
TV Box

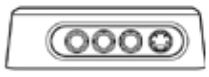
Start Up Guide

Remote Control
(with 2 AAA batteries)

Power Adaptor

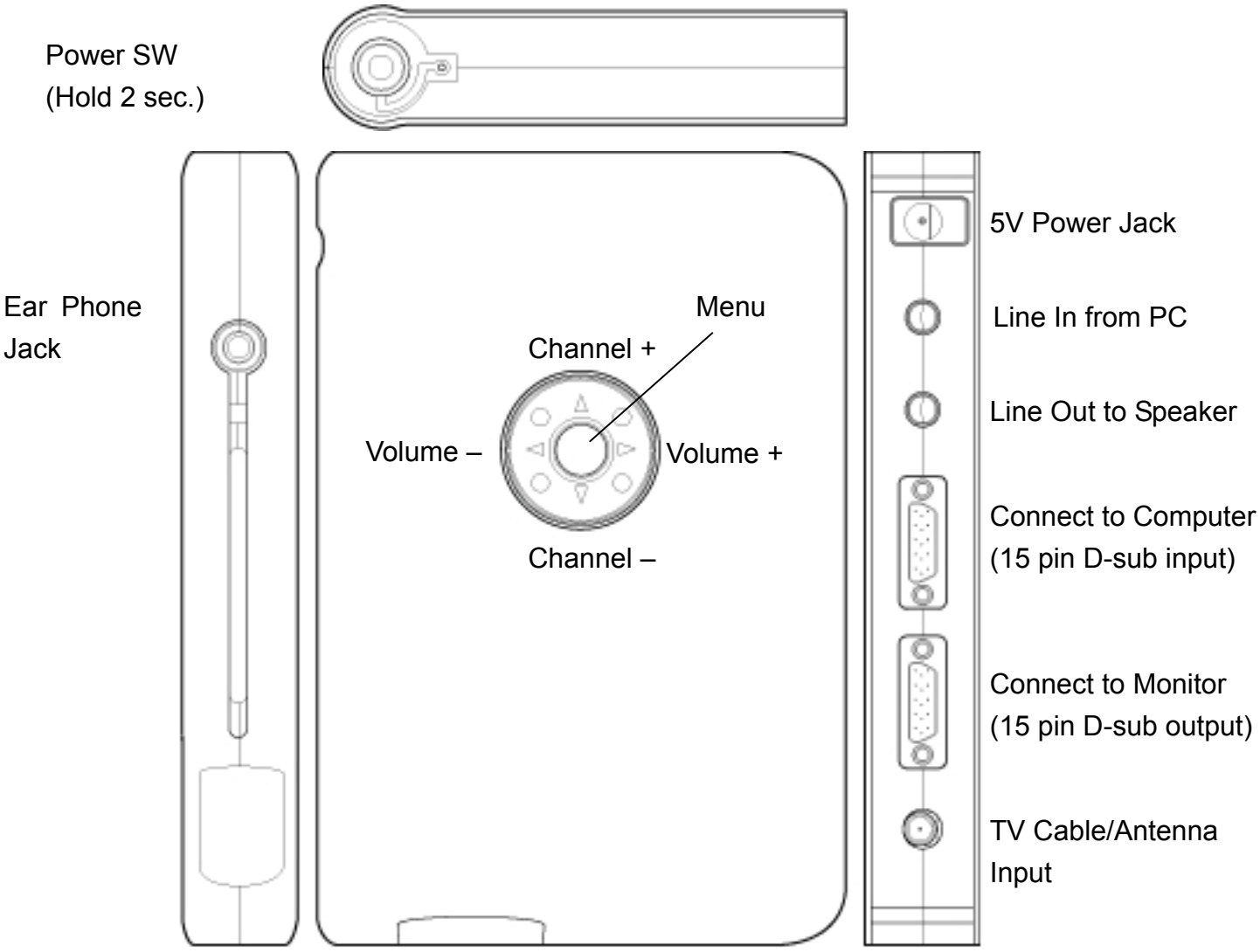
Audio Cable

D-sub Cable

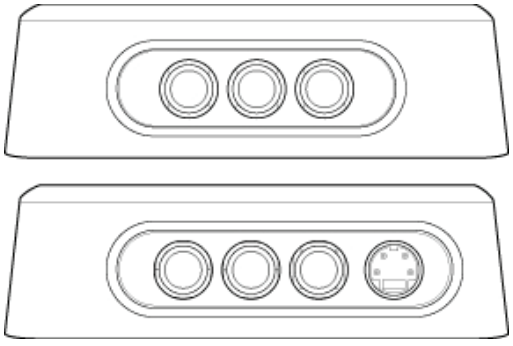


Base Holder

VideoMate V300 TV Box Hardware Guide

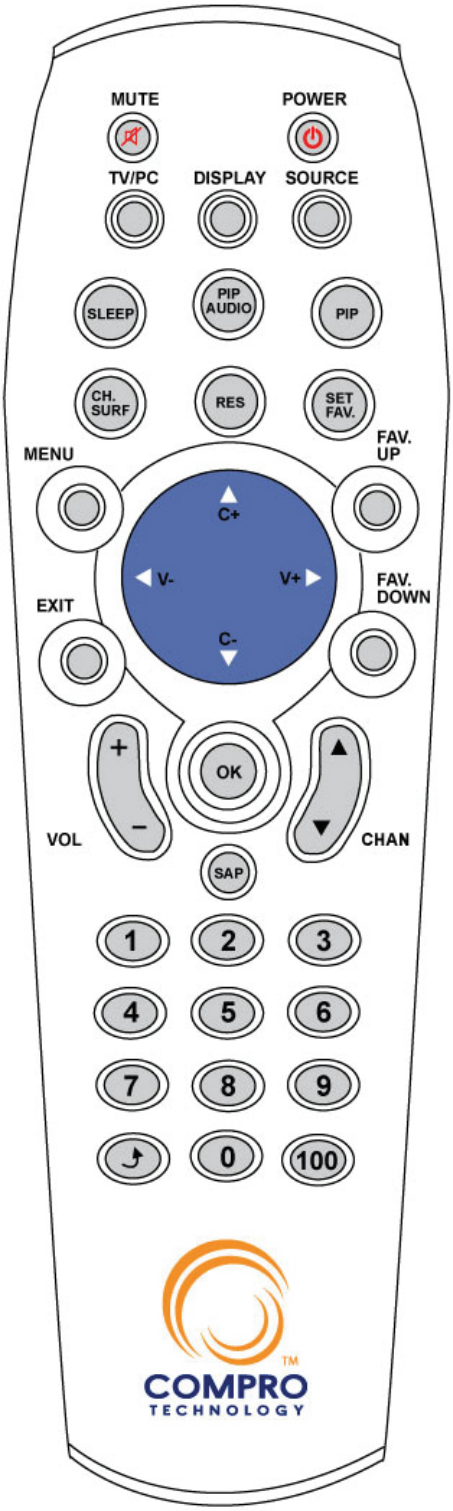


Component Input (Y / Pb / Pr)



Composite(L&R Audio , Video) S-Video

Remote Control Key Definition and Use



POWER	Power On/Off
MUTE	Mute
DISPLAY	Display OSD Info.
TV/PC	Switch TV/PC Mode
SOURCE	Video Source Switch
SLEEP	Sleep Mode
PIP	Picture In Picture
PIP AUDIO	Switch audio between TV and PC
RES	Switch Resolution
CH.SURF	Channel Surfing
SET FAV.	Set Favorite CH List
FAV UP	Favorite CH List Up
FAV DOWN	Favorite CH List Down
MENU	Display Menu
EXIT	Exit Menu
UP	Direction Up (CH +)
DOWN	Direction Down (CH -)
LEFT	Direction Left (Volume -)
RIGHT	Direction Right (Volume +)
OK	Confirm
VOL	Volume Control
CHAN	Channel Switch
SAP	Stereo/SAP/Mono
0-9	Number Keys
100	Number Key
↩	Return to last channel

VideoMate V300 TV Box Using Guide

Using at the first time

Please refer to the above for correct setup to use V300 TV Box. After you have connected the power adaptor, you will see orange light shining out from the side. Press the Power switch at the top will turn on the TV Box and you will see orange light become blue light. Please use Auto Scan to remove channels without signal. Now you may enjoy the TV Show.

If you have connect V300 TV box to your computer's video card, press the power button on the TV box or the power button on the remote control will switch between TV and PC signal. You may also press "TV/PC" button on the remote control to achieve the same result.

Order of the Sources: TV > Composite > S-Video > Component > TV

VideoMate V300 TV Box supports 9 resolutions from below. Each resolution Supports 60Hz and 75Hz. The default setting is 1024*768 @ 60Hz.

Resolution 1 -> 640*480 (4:3)
Resolution 2 -> 800*600 (4:3)
Resolution 3 -> 1024*768 (4:3)
Resolution 4 -> 1280*720 (16:9)
Resolution 5 -> 1280*1024 (5:4)
Resolution 6 -> 1400*1050 (4:3)
Resolution 7 -> 1440*900 (16:10)
Resolution 8 -> 1600*1200 (4:3)
Resolution 9 -> 1680*1050 (16:10)

To change resolution, please open up menu and select the resolution you want. Refer to later instruction for more detail. "RES" button from the remote controller can also switch the resolution.

If using PIP feature, the refresh rates in Windows support resolutions below:

Resolution	Support Refresh Rate			
	60 Hz	70 Hz	72 Hz	75 Hz
640 x 480	Yes	-	Yes	Yes
800 x 600	Yes	-	Yes	Yes
1024 x 768	Yes	Yes	Yes	Yes
1152 x 864	Yes	Yes	-	Yes
1280 x 1024	Yes	Yes	Yes	Yes
1280 x 720	Yes	Yes	Yes	Yes
1440 x 900	Yes	Yes	Yes	Yes
1400 x 1050	Yes	Yes	Yes	Yes
1600 x 1200	Yes	-	Yes	Yes
1680 x 1050	Yes	Yes	Yes	Yes

VideoMate V300 includes the special base holder with video/audio input to provide S-video, composite video, stereo audio, and component (Y, Pb, Pr) video input. You can easy connect the TV box with DVD player, VCR, DV, or Xbox/Wii/PS 3 game consoles to watch DVD movies or play games on your monitor.

When using Component input, the format will be automatically detected by VideoMate V300; you do not need to select between 480i, 480p, 576p, 720p, or 1080i.

The Component input that VideoMate V300 supports are the following:
SDTV：480i, 576i
HDTV：480p @ 60Hz, 576p @ 50Hz, 720p @ 60Hz, 1080i @ 60Hz
Note: This is the refresh rate of your input device, is not the refresh rate of your monitor.

OSD Menu Guide

Menu button will open up OSD Menu, please use the direction key to navigate.

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Brightness	Adjust the brightness (0~100) Default : 50			
Contrast	Adjust the Contrast (0~100) Default : 50			
Saturation	Adjust the Saturation (0~100) Default : 50			
Sharpness	Adjust the Sharpness (0~15) Default : 0			
Hue	Adjust the Hue (0~100) Default : 50			
OptiColor Mode	3 presets modes and 5 custom modes of picture settings.			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Input Signal	Select Air or Cable for TV input signal type. Default is Air			
Channel Rename	Set a name for specific channel. (5 letter/numbers)			
Fine tune	Fine tune frequency if TV is unclear. (0~100) default is 50			
Auto Scan	Recommend to use Auto Scan for the first time. (NO/YES)			
Channel Swap	Swap the channel numbers to your preference. (NO/YES)			
CH Add/Erase	Add or Erase channel.			
Channel Video System	Change video standard for current channel. PAL (B/G, D/K, I) SECAM (B/G, D/K)			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Resolution	640*480	800*600	1024*768 (default)	1280*720
	1280*1024	1400*1050	1440*900	1600*1200
	1680*1050			
Refresh Rate	60Hz (default) 75Hz			
Noise Reduction	Adjust level of noise reduction. (0~8) Default is 4			
OptiRatio	4:3 16:9 SmartZoom Panorama Full			
Display Type	LCD (default) CRT PDP			
Input Source	TV Composite SV (S-Video) YPbPr (Component) PC			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
OSD Position	Press OK key, use direction keys to move OSD position			
OSDTransparency	1 2 3 4			
Language	Select your language (Default language is Russian)			
Information	VideoMate V300 Version information			
Reset All Settings	NO/YES (1 Cancel / 2 Reset All Settings)			
Country/Region	Select your country or region			

(Picture)	(TV)	(Monitor)	(OSD)	(Sound)
Volume	Adjust volume (0-50)			
Treble	Adjust Treble volume (0-15)			
Bass	Adjust Bass volume (0-15)			
Dynamic Bass Boost	ON/OFF (Default is OFF)			
Stereo Effect	Adjust Stereo Effect (0~8) Default : 0			
SAP Mode	ON/OFF (Default is OFF)			
Reset	Reset sound settings (NO/YES)			

Channel Swap

To swap the channel numbers, please select **Channel Swap** from the menu then select yes, and it will show as a sub menu. Once you have entered this menu, you will see a list of channels. You may browse with the direction keys; Up and Down are going through the list while Left and Right are changing pages of the list. Select the channel number that you wish to swap and press

OK, and then enter the number of the channel that you wish to switch.
To reset to the original channel numbers, please rescan the channel table again by selecting Auto Scan in the menu.

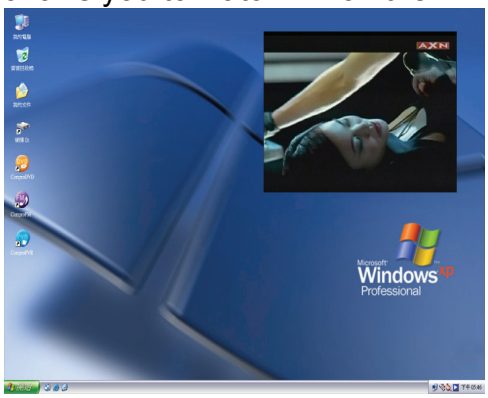
My Favorite Channel List

My Favorite Channel List can store up to 10 channels that you watch the most and browse with “FAV UP” and “FAV DOWN” keys on the remote controller.

To add channels to the favorite list, please turn to the channel you wish to add and press “**SET FAV**” on the remote controller. Press “**OK**” on the selected position.

PIP (Picture In Picture)

You can start PIP function by clicking “PIP” button on the remote control. It allows you to watch TV on the Windows desktop.



When PIP is working, press “PIP” button again will change the size of the TV screen; you may zoom twice and the third time you press “PIP”, it will close the PIP function. And you can move the TV screen position with the blue arrow button on the remote.

Channel Surfing

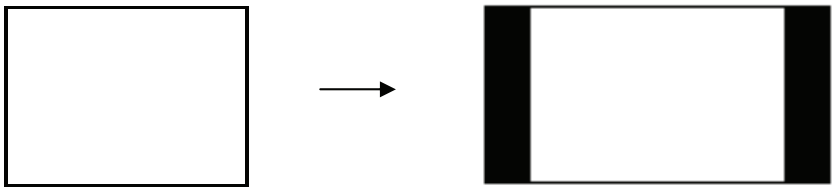
Channel Surfing allows you to preview and find the channel you want by presenting in 9 squares.

To access this function, please press “**CH.SURF**” button on the remote controller. The pictures will refresh from left to right. When you have found the channel you prefer, please press the correspondent number keys (1~9) to switch to that channel.

OptiRatio

OptiRatio Aspect Selection provides 4:3, 16:9, Panorama, Full Screen, and SmartZoom aspect ratio selections to provide the best TV and video watching on different type monitors.

4:3 Mode: When the 4:3 formats TV/video display on 16:9/16:10 wide-screen monitors, it can keep the 4:3 aspect ratio video and add letter box on both left and right sides.

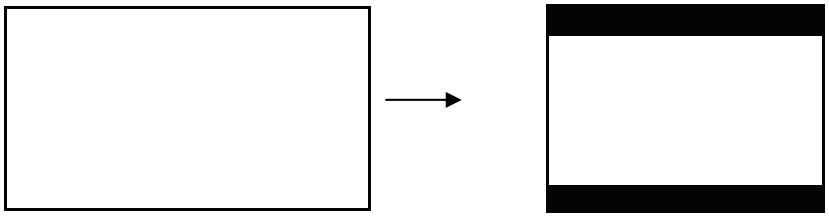


Original video format 4:3

Add letter box on both left and right sides of wide-screen monitors

16:9 Mode:

When the 16:9 formats TV/video display on 4:3/5:4 standard monitors, it can keep the 16:9 aspect ratio video and add letter box on both the top and bottom.

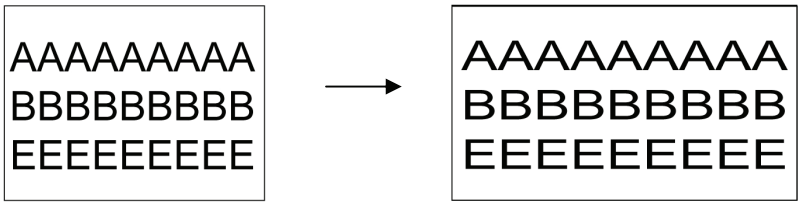


Original video format 16:9

Add letter box on both top and bottom sides of standard monitors.

Full Screen Aspect Ratio Mode:

Stretch all the input TV and video to full screen display. But if the original video format is 4:3, it will look a little squash.

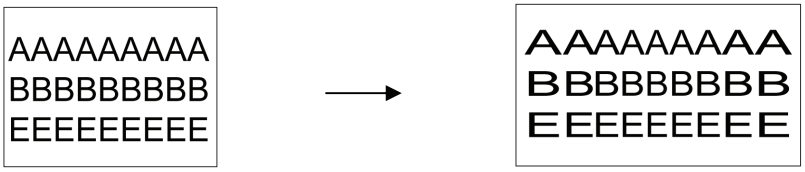


Original video format 4:3

Stretch video to fit monitors

Panorama Mode:

Extend all the input TV and video to full screen display. But the distortion on the center of screen will be less than full screen mode and looks better.



Original video format 4:3 Less distortion from center

SmartZoom Mode:

When the 16:9 movie broadcast from TV channel, it will add the letter box for 4:3 video format transmit and it looks small on the 16:9/16:10 wide-screen monitors. The SmartZoom mode can remove the letter box on top and bottom to make the movie displays bigger and clearer.

Original video format on 4:3 monitor

Letter box on each sides of video with 16:9 monitor

Removed letter box to display 16:9

Dynamic Bass Boost

Dynamic Bass Boost is a function that will automatically analyze your audio signal and adjust the volume of the bass. To activate this function, please press the **MENU** button and select **Sound** section, then select **ON** with the option of **Dynamic Bass Boost**. You may refer to the **OSD Menu Guide** above for exact location.

Stereo Effect

Stereo Effect is a function that will simulate stereo sound when your audio input is Mono. When your audio input is stereo, it will enhance the effect and give you a greater feeling of the surrounding effect. To activate this function, please press the **MENU** button and select **Sound** section, then adjust the **volume** of **Stereo Effect** higher for greater effect. You may refer to the **OSD Menu Guide** above for exact location.

SAP Mode

SAP Mode is a function that will allow you to broadcast Main Audio Channel in the left and Sub Audio Channel in the right. To activate this function, please press the **MENU** button and select **Sound** section, then select **ON** with the option of **SAP Mode**. Switch to the channel that contains both Main and Sub Audio Channel, and then change the stereo mode to SAP by pressing **SAP** button on the remote controller.

Troubleshooting

Installation

The most common cause of the problem is the incorrect connection of the cables. Please refer to “VideoMate V300 TV Box Hardware Guide” on proper connection. And also please check the power adaptor already plugged.

Warning

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VideoMate V300 TV Box will only need a computer monitor to work; It does not require to connect to computer nor turn on the computer to work properly.

Please do not use other adaptor except the one included in the package to prevent damaging V300. Damaged V300 by using wrong adaptor will not be cover from the warranty.

No Graphic

Please make sure you have properly connected the TV cable to TV Box in order to watch live TV. It might also because the input source of V300 TV Box is not set to TV mode, please switch the video input source to TV.

No Sound

If the TV display without sound, please make sure you have connect your speaker to V300 TV Box’s Line Out and make sure the speaker has turn on and volume is not at the minimum.

If you switch to PC and PC does not have sound while TV has it, please make sure you have connected Line In from V300 TV Box to Line Out from your computer.

TV picture is not clear?

TV signal could be reduced by the branching. Please make sure the cable signal is good. Try to move the computer to a TV set and connect the cable which is being used for the TV set. Also directly connecting the cable before the splitter may help. This problem could also come from with static. Once you connect the cable to our TV card, the static interfere the system. It's possible to correct this problem by connecting a wire from the grounding of the cable to ground. Also make sure computer grounding is good.

Why PIP does not work?

Please make sure you have connected your computer VGA to V300 and connect V300 to the monitor. For more information, please refer to page 4 for detail description.

If your display card of your computer has both DVI and VGA connected, please make sure the settings in Windows is set to VGA output.

Please also check if your desktop resolution is one of our supported resolutions. Please refer to bottom of Page 6 for detail list of resolutions.

Why does the remote control fail?

Please make sure you have put the batteries to the remote control. And we suggest not using rechargeable batteries.

Please aim at the TV box and you should see the blue light flashes when you press the remote controller.

How to reset to manufactory defaults?

Please press and hold the Menu button of the V300 for 8 second until it display

Reset All Settings

Please wait…

Contacting Compro Technical Support

Before you submit an email for support, please check support FAQs on our web site. http://www.comprousa.com/support
You may fill out the form (http://comprousa.com/support/form.htm) or directly email to **support@comprousa.com**

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